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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--------------------------|-------------|----------------------|---------------------|------------------|
| 09/522,087 | 03/10/2000 | Randall D. Boyd | 24200 | 5685 |
| 22465 | 7590 | 12/02/2003 | EXAMINER | |
| PITTS AND BRITTIAN P C | | | ODOM, CURTIS B | |
| P O BOX 51295 | | | ART UNIT | PAPER NUMBER |
| KNOXVILLE, TN 37950-1295 | | | 2634 | <i>Z</i> |
| DATE MAILED: 12/02/2003 | | | | |

Please find below and/or attached an Office communication concerning this application or proceeding.

| Office Action Summary | Application No. | Applicant(s) |
|------------------------------|-----------------|--------------|
| | 09/522,087 | BOYD ET AL. |
| | Examiner | Art Unit |
| | Curtis B. Odom | 2634 |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 10 March 2000.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-19 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) Claim(s) _____ is/are allowed.
6) Claim(s) _____ is/are rejected.
7) Claim(s) 1-19 is/are objected to.
8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on 10 March 2000 is/are: a) accepted or b) objected to by the Examiner.

 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. ____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

13) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

a) The translation of the foreign language provisional application has been received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413) Paper No(s). _____ .
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) Notice of Informal Patent Application (PTO-152)
3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____. 6) Other: _____ .

DETAILED ACTION

Drawings

1. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: 14E and 14F (page 9). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Specification

2. The abstract of the disclosure is objected to because on line, the word “perimeter” is suggested to be changed to the phrase “perimeter is disclosed”. Correction is required. See MPEP § 608.01(b).

Claim Objections

3. Claims 1-19 are objected to because of the following informalities:
 - a. In claims 1 and 10, lines 4 and 5, the phrase “said at least” is suggested to be changed to “the at least”.

- b. In claim 1, line 23, the phrase "said activity identification" is suggested to be changed to "the activity identification".
- c. In claims 4, 5, 6, 12, and 14, line 1, the phrase "said at least" is suggested to be changed to "the at least".
- d. In claims 8 and 18, line 3, the phrase "said at least" is suggested to be changed to "the at least".
- e. In claims 9 and 19, line 8, the phrase, "said logical ones" is suggested to be changed to "the logical ones".
- f. In claim 10, line 19, the phrase "said monitoring system" is suggested to be changed to "the monitoring system".
- g. Claim 11 is suggested to end with a period.

Appropriate correction is required.

Allowable Subject Matter

- 4. Claims 1-19 are allowable over prior art (if above objections are overcome) because related references do not disclose a single wire-bounded area for measuring local activity as a local activity signal, a gateway for managing transmissions through the wire, processing the activity signal to produce an activity identification, and an indicator to communicate the activity identification.

Conclusion

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Anders et al. (U.S. Patent No 4, 656, 463) discloses measuring activity and analyzing the measured activity.

Dering et al. (U.S. Patent No. 6, 204, 762) discloses monitoring an area using sensors and communicating the activity signals to an operator of the system.

6. This application is in condition for allowance except for the following formal matters:
See objections above.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Curtis B. Odom whose telephone number is 703-305-4097. The examiner can normally be reached on Monday- Friday, 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Chin can be reached on 703-305-4714. The fax phone numbers for the organization where this application or proceeding is assigned are 709-872-9306 for regular communications and 703-872-9306 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Curtis Odom
November 24, 2003



STEPHEN CHIN
SUPERVISORY PATENT EXAMINEE
TECHNOLOGY CENTER 2600